

PAMANTASAN NG CABUYAO
 Katapatan Mutual Homes, Banaybanay,
 City of Cabuyao, Laguna
OBE CURRICULUM
BSCS - 2018

Course Code	Description	Units	Pre-requisite
1st Year - First Semester			
CCS101	Introduction to Computing	3.00	NONE;
CCS102	Computer Programming 1	3.00	NONE;
ETH101	Ethics	3.00	NONE;
MAT101	Mathematics in the Modern World	3.00	NONE;
NSTP1	National Service Training Program 1	3.00	NONE;
PED101	Physical Education 1	2.00	NONE;
PSY100	Understanding the Self	3.00	NONE;
1st Year - Second Semester			
CCS103	Computer Programming 2	3.00	CCS102;
CCS104	Discrete Structures 1	3.00	MAT101;
CCS106	Social and Professional Issues	3.00	ETH101;
COM101	Purposive Communication	3.00	NONE;
CSP101	Analytic Geometry	3.00	MAT101;
GAD101	Gender and Development	3.00	NONE;
NSTP2	National Service Training Program 2	3.00	NSTP1;
PED102	Physical Education 2	2.00	PED101;
2nd Year - First Semester			
CCS107	Data Structures and Algorithms 1	3.00	CCS103;
CCS108	Object-Oriented Programming	3.00	CCS103;
CSEG1	Game Concepts and Productions	3.00	2nd Year Standing;
CSP102	Discrete Structures 2	3.00	CCS104;
HIS101	Readings in Philippine History	3.00	NONE;
PED103	Physical Education 3	2.00	PED102;
STS101	Science, Technology and Society	3.00	NONE;
2nd Year - Second Semester			
ACT101	Principles of Accounting	3.00	NONE;
CCS110	Information Management 1	3.00	CCS101;
CSEG2	Game Programming 1	3.00	CSEG1;
CSP103	Data Structures and Algorithms 2	3.00	CCS107;
CSP104	Calculus	3.00	CSP101;
CSP105	Algorithms and Complexity	3.00	CSP102;
HMN101	Art Appreciation	3.00	CCS108;
PED104	Physical Education 4	2.00	CCS107;
3rd Year - First Semester			
CCS109	System Analysis and Design	3.00	NONE;
CCS112	Applications Development and Emerging Technologies	3.00	CCS101;
CCS113	Information Assurance Security	3.00	CCS103;
CSEG3	Game Programming 2	3.00	3rd Year Standing;
CSP106	Automata Theory and Formal Languages	3.00	CSEG2;
CSP107	Computer Organization and assembly Language Programming	3.00	CSP105;
ENT101	The Entrepreneurial Mind	3.00	CSP103;
3rd Year - Second Semester			
CSEG4	Game Programming 3	3.00	NONE;
CSP108	Programming Languages	3.00	CSEG3;
CSP109	Software Engineering 1	3.00	CCS103;
CSP110	Numerical Analysis	3.00	CCS109;
CSP111	Thesis 1	3.00	CSP106;
RIZ101	Life and Works of Rizal	3.00	CSP107;
SOC101	The Contemporary World	3.00	NONE;
TEC101	Technopreneurship	3.00	NONE;
4th Year - First Semester			
CCS105	Human Computer Interaction 1	3.00	ENT101;
CSEG5	Artificial Intelligence for Games	3.00	CCS101;
CSP112	Operating Systems	3.00	CSEG4;
CSP113	Software Engineering 2	3.00	CSP107;
CSP114	Thesis 2	3.00	CSP109;
ENV101	Environmental Science	3.00	CSP111;
4th Year - Second Semester			
CCS111	Networking and Communication 1	3.00	NONE;
CSEG6	Advance Game Design	3.00	CSP112;
CSP115	CS Practicum (300 hours)	4.00	CSEG5;
4th Year Standing;			